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PTO/SB/05 (4/98)
Approved for use through 09/30/2000. OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. § 1.53(b))

Attorney Docket No. **501.39836X00**

First Inventor or Application Identifier **Shunichi AKAHANE**

Title **See 1 in Addendum**

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ * Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original and a duplicate for fee processing)
2. ☒ Specification [Total Pages **47**]
(preferred arrangement set forth below)
 - Descriptive title of the Invention
 - Cross References to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
3. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets **15**]
4. Oath or Declaration [Total Pages **4**]
 - a. ☒ Newly executed (original or copy)
 - b. ☐ Copy from a prior application (37 C.F.R. § 1.63(d))
(for continuation/divisional with Box 16 completed)
 - i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5. ☐ Microfiche Computer Program (Appendix)
6. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
 - a. ☐ Computer Readable Copy
 - b. ☐ Paper Copy (identical to computer copy)
 - c. ☐ Statement verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

7. ☒ Assignment Papers (cover sheet & document(s))
8. ☐ 37 C.F.R. § 3.73(b) Statement of Power of Attorney (when there is an assignee)
9. ☐ English Translation Document (if applicable)
10. ☐ Information Disclosure Statement (IDS)/PTO-1449 Copies of IDS Citations
11. ☐ Preliminary Amendment
12. ☒ Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
13. ☐ Small Entity Statement(s) Status still proper and desired (PTO/SB/05-12)
14. ☐ Certified Copy of Priority Document(s) (if foreign priority is claimed)
15. ☒ Other: **PTO-1449 w/rcfs**
Credit Card Payment Form

*NOTE FOR ITEMS 1 & 15 IN ORDER TO BE ENTITLED TO PAY SMALL ENTITY FEES, A SMALL ENTITY STATEMENT IS REQUIRED (37 C.F.R. § 1.79), EXCEPT IF ONE FILED IN A PRIOR APPLICATION IS RELIED UPON (37 C.F.R. § 1.28).

16. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:
- ☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No. _____

Prior application Information: Examiner _____

Group / Art Unit: _____

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 4b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

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Name (Print/Type)

Carl J. Brundidge

Registration No. (Attorney/Agent)

29,621

Signature

Date

March 20, 2001

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**Attachment to PTO/SB/05 (4/98) Utility Patent Application
Transmittal**

1. **VPN ROUTER AND VPN IDENTIFICATION METHOD BY USING LOGICAL
CHANNEL IDENTIFIERS**

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Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

FEE TRANSMITTAL		Complete if Known	
for FY 2000		Application Number	
Patent fees are subject to annual revision. Small Entity payments <u>must</u> be supported by a small entity statement, otherwise large entity fees must be paid. See Forms PTO/SB-09-12 See 37 CFR §§ 1.27 and 1.28		Filing Date	March 20, 2001
TOTAL AMOUNT OF PAYMENT (\$750.00)		First Named Inventor	Shunichi AKAHANE
		Examiner Name	
		Group / Art Unit	
		Attorney Docket No.	501.39836X00

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)																																																																																																																									
1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to Deposit Account Number 01-2135 Deposit Account Name Antonelli, Terry, Stout & Kraus, LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR §§ 1.16 and 1.17		3. ADDITIONAL FEES <table border="1"> <thead> <tr> <th>Large Entity Fee Code</th> <th>Small Entity Fee Code</th> <th>Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr> <td>105 130 205 65</td> <td></td> <td>Surcharge - late filing fee or oath</td> <td>0.00</td> </tr> <tr> <td>127 50 227 25</td> <td></td> <td>Surcharge - late provisional filing fee or cover sheet</td> <td>0.00</td> </tr> <tr> <td>139 130 139 130</td> <td></td> <td>Non-English specification</td> <td>0.00</td> </tr> <tr> <td>147 2,520 147 2,520</td> <td></td> <td>For filing a request for reexamination</td> <td>0.00</td> </tr> <tr> <td>112 920* 112 920*</td> <td></td> <td>Requesting publication of SIR prior to Examiner action</td> <td>0.00</td> </tr> <tr> <td>113 1,840* 113 1,840*</td> <td></td> <td>Requesting publication of SIR after Examiner action</td> <td>0.00</td> </tr> <tr> <td>115 110 215 55</td> <td></td> <td>Extension for reply within first month</td> <td>0.00</td> </tr> <tr> <td>116 380 216 180</td> <td></td> <td>Extension for reply within second month</td> <td>0.00</td> </tr> <tr> <td>117 870 217 435</td> <td></td> <td>Extension for reply within third month</td> <td>0.00</td> </tr> <tr> <td>118 1,360 218 680</td> <td></td> <td>Extension for reply within fourth month</td> <td>0.00</td> </tr> <tr> <td>128 1,850 228 925</td> <td></td> <td>Extension for reply within fifth month</td> <td>0.00</td> </tr> <tr> <td>119 300 219 160</td> <td></td> <td>Notice of Appeal</td> <td>0.00</td> </tr> <tr> <td>120 300 220 150</td> <td></td> <td>Filing a brief in support of an appeal</td> <td>0.00</td> </tr> <tr> <td>121 260 221 130</td> <td></td> <td>Request for oral hearing</td> <td>0.00</td> </tr> <tr> <td>138 1,510 138 1,510</td> <td></td> <td>Petition to institute a public use proceeding</td> <td>0.00</td> </tr> <tr> <td>140 110 240 55</td> <td></td> <td>Petition to revive - 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SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Carl J. Brundidge	Registration No. (Attorney/Agent)	29,621
Signature	<i>[Signature]</i>	Telephone	(703) 312-6600
		Date	March 20, 2001

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